



Illinois Department of Transportation
Division of Highways
ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOG

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Date 10/7/10

ROUTE IL 23 (FAP 68) DESCRIPTION Intersection of IL 23 & IL 38 (Lincoln Highway) in Dekalb LOGGED BY Larry Myers

SECTION (28)N, TS & I LOCATION NW 1/4, SEC. 23, TWP. 40N, RNG. 4E

COUNTY Dekalb DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.	D	B	U	M	Surface Water Elev.	ft
Station	E	L	C	O	Stream Bed Elev.	ft
	P	O	S	I		
BORING NO. 1 (S.W. Quad.)	T	W	S	Qu	Groundwater Elev.:	
Station 42+42	H	S	Qu	T	First Encounter	ft
Offset 19.00ft RL					Upon Completion	Dry ft
Ground Surface Elev. 880.81	ft	(ft)	(/ft)	(tsf)	(%)	After Hrs. ft

Augered Bituminous Pavement, Black & Brown Silty Clay Loam Fill						
	878.11					
Stiff Brown Silty Clay Loess		1				
		2	1.5	30.5		
		3	P			
	876.11					
Stiff Brown Silty Loam/Silty Clay Loam Till		2				
		2	1.5	23.8		
		3	P			
	873.81					
Loose Brown Interbedded Layers of Silt, Sand, & Gravel		2				
		3		21.6		
		4				
	871.11					
Very Stiff Brownish Gray Silty Clay Loam Till		4				
		5	3.2	11.2		
		8	S			
		2				
		4	2.4	15.7		
		4	S			
		3				
		4	2.6	13.0		
		4	S			
End of Boring	864.11					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)



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SECTION (28)N, TS & I LOCATION NW 1/4, SEC. 23, TWP. 40N, RNG. 4E

COUNTY Dekalb DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.	D	B	U	M	Surface Water Elev.	ft
Station	E	L	C	O	Stream Bed Elev.	ft
	P	O	S	I		
BORING NO. 2 (N.W. Quad.)	T	W	S	Qu	Groundwater Elev.:	
Station 40+63	H	S	Qu	T	First Encounter	ft
Offset 42.00ft RL					Upon Completion	Dry ft
Ground Surface Elev. 880.31	ft	(ft)	(/ft)	(tsf)	(%)	After Hrs. ft

Augered Black Silty Clay Loam, Sand/Gravel Fill						
	877.81					
Medium Brown Sand/Gravel Fill (CA2)		7				
		8		5.0		
		8				
		8				
		8		4.9		
		8				
	872.81					
Black, Brown Sand, Gravel Oversize Rock (Limestone)		8				
		12		11.8		
		38				
	870.81					
Very Stiff to Hard Brownish Gray Silty Clay Loam Till		3				
		5	4.1	12.2		
		7	S			
		5				
		7	4.6	12.0		
		9	S			
		6				
		8	4.3	12.3		
		8	S			
End of Boring	863.81					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)